

storing the packets in the memory of the packet forwarding system;

attempting to forward packets stored in the memory to the network;

establishing one or more time limit within which to forward packets stored in the  
10 memory to the network with the time limit linked to the content of the data included in the  
packet;

monitoring an elapsed period of time while attempting to forward packets stored in the  
memory to the network; and

canceling said attempting to forward a packet stored in the memory to the network,  
15 when the elapsed period of time exceeds the time limit associated with the content of the data  
included in the packet.

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Please amend claim 3 as follows;

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3. (AMENDED) The method of claim 1 further comprising the step of allowing  
transmission of the packet stored in the memory to be completed when that packet is currently  
being transmitted over the network.

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Claim 4 has not been changed by this amendment and remains as follows.

4. The method of claim 1 further comprising the step of interrupting transmission of  
the packet stored in the memory when that packet is currently being transmitted over the  
network.

Claim 5 has not been changed by this amendment and remains as follows.

5. The method of claim 1 further comprising the steps of resetting a timer to allow additional attempts to forward the packet stored in the memory when that packet is not currently being transmitted over the network.

Please amend claim 6 as follows:

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6. (AMENDED) The method of claim 1, further comprising replacing the packet stored in memory with a new packet including the same data as the replaced packet when it is determined to cancel the forwarding of the stored packet.

E3 [ Please amend claim 7 as follows: ]

7. (AMENDED) The method of claim 1, further comprising replacing the packet stored in memory with a new packet including different data than the replaced packet when it is determined to cancel the forwarding of the stored packet.

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Claim 8 has not been changed by this amendment and remains as follows.

8. The method of claim 7 wherein the packet stored in memory includes time-sensitive data and protocol-related data, and the new packet has the same time-sensitive data and different protocol-related data as the replaced packet.

Claim 9 has not been changed by this amendment and remains as follows.

9. The method of claim 8 further comprising the steps of:

resetting a back-off level; and

attempting to forward the new packet to the network.

Claim 10 has not been changed by this amendment and remains as follows.

10. The method of claim 8 further comprising the steps of:

initiating attempts to transmit the new packet to the network; and

resetting the elapsed period of time.

Claim 11 has not been changed by this amendment and remains as follows.

11. The method of claim 8 wherein the packet stored in memory includes time-sensitive data and the step of replacing the packet stored in memory with a new packet can occur a predetermined maximum number of times.

Claim 12 has not been changed by this amendment and remains as follows.

12. The method of claim 7 wherein the packet stored in memory includes time-sensitive data and protocol-related data, and the new packet has different time-sensitive data and the same protocol-related data as the replaced packet.

Claim 13 has not been changed by this amendment and remains as follows.

13. The method of Claim 1 wherein the steps of monitoring, establishing the time

limit, and determining whether to cancel forwarding the packet stored in memory occur only when the packet stored in the memory includes time-sensitive data.

Please rewrite claim 30 as follows.

30. (AMENDED) A method in accordance with claim 1, wherein said step of receiving packets includes receiving a packet at said packet forwarding system from a network collision domain that is different from the collision domain associated with the forwarding device.

[ Please amend claim 31 as follows: ]

31. (AMENDED) A method for forwarding packets to a network, comprising the steps of:

providing a packet forwarding system with a memory, said packet forwarding system being connected to the network;

receiving an analog signal and generating local audio packets with local audio data;

receiving packets at the packet forwarding system including the audio packets and storing the packets in the memory of the packet forwarding system;

attempting to forward the packet stored in the memory to the network;

establishing one or more time limit within which to forward packets stored in the memory including a time limit based on the packet containing local audio data;

monitoring an elapsed period of time while attempting to forward a packet containing local audio data to the network; and

canceling said attempt to forward the packet stored in the memory to the network when the packet contains local audio data and the elapsed period of time exceeds the time limit based on the packet containing local audio data.

Please cancel claims 32 to 33 and add the following new claims:

34. (NEW) A network method for forwarding packets, the method comprising:  
providing a device with a local audio source and a packet controller for forming local audio packets;  
providing a packet forwarding device with a memory, said packet forwarding device being connected to the device and being connected to a first collision domain and a second collision domain;  
receiving packets at the packet forwarding device from the device, from the first collision domain and from the second collision domain and storing the packets in the memory of the packet forwarding system;  
providing a time limit for local audio packets to be held in the memory;  
attempting to forward packets stored in the memory to any one of the device and the first collision domain and the second collision domain;  
monitoring an elapsed period of time while attempting to forward the local audio packet stored in the memory to one of the first collision domain and the second collision domain; and  
canceling said attempting to forward the local audio packet stored in the memory to the one of the first collision domain and the second collision domain.